

NPIC/R-1489/63 September 1963

PHOTOGRAPHIC INTERPRETATION REPORT

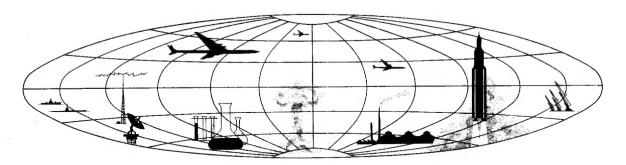
# BRASS KNOB MISSION 3729 24 SEPTEMBER 1963





Declass Review by NIMA/DOD

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



Approved For Release 2003/02/27 : CIA-RDP78B04560A001600010032-6 SECRET



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NPIC/R-1489/63

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3729, DATED 24 SEP 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

#### -MISSILES-

ESMERALDA SAM SITE 2155N Ø7813W

SITE APPEARS ABANDONED. THE LAUNCH, CHIDANCE, AND MISSIE HOLD DEVELORITS ARE

	VACANT. APPROXIMATELY 14 VEHICLES REMAIN. SEE ATTACHMENT 2.	
25X1		25X1
	SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W	
	SIX CANVAS-COVERED REVETTED LAUNCHERS, ONE CANVAS-COVERED VEHICLE PARK, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.	
25X1		25X1
•)	CAIBARIEN SAM SITE 2228N Ø7929W	
	SIX UNREVETTED LAUNCHERS (5 CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER, 2 CANVAS-COVERED	

1

HOLD AREAS, 3 UNIDENTIFIED PIECES OF EQUIPMENT, AND AN

OCCUPIED GUIDANCE AREA OBSERVED.

25X1 [		
SANCTI	SPIRITUS SAM SITE 2147N Ø7929W	25X1
	SIX UNREVETTED LAUNCHERS, 6 MISSILES ON DOLLIES, ONE CANVAS-COVERED MISSILE TRANSPORTER, 12 TRACKED PRIME MOVERS, 2 PROBABLE TRUCK-MOUNTED CRANES, 16 CARGO TRUCKS, AND 4 UTILITY TRUCKS OBSERVED. EQUIPMENT IN THE GUIDANCE AREA (RADAR AND 8 VANS) APPEARS IN A DISARRANGED PATTERN. SEE ATTACHMENT 1.	=
25X1 [		25X1
LOS ANG	SELES SAM SITE 2100N 07541W	
	SITE CONTAINS 6 UNREVETTED LAUNCHERS (3 WITH MISSILES), 5 MISSILE TRANSPORTERS (2 CANVAS-COVERED) 13 TRACKED PRIME MOVERS, 2 VAN TRAILERS, 6 TRUCK-TRACTORS, ONE CARGO TRUCK, 5 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA.	) ,
25X1		
JIGUANI	SAM SITE 2021N 07620W	25X1
	SIX UNREVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, ONE POSSIBLE MISSILE ON DOLLY, AND AN OCCUPIED GUIDANCE AREA OBSERVED.	
25X1		25X1
MANATI	SAM SITE 2113N Ø77Ø2W	
	SITE IS ABANDONED. NO ACTIVITY OR EQUIPMENT OBSERVED.	
25X1		
CHAMBAS	S SAM SITE 2213N Ø7853W	25X1
	SIX UNREVETTED LAUNCHERS, 7 CANVAS—COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA (CONTAINING RADAR AND AT LEAST 6 VANS) OBSERVED.	

25X1		25X1
	SANTIAGO DE CUBA SAM SITE 1959N Ø755ØW	
	SIX UNREVETTED LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, ONE PROBABLE CANVAS-COVERED MISSILE TRANSPORTER, AND AN OCCUPIED SHED-COVERED GUIDANCE AREA OBSERVED.	
25X1		25X1
	SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W	
	TEN CANVAS-COVERED TRACKED PRIME MOVERS, AT LEAST 15 CARGO TRUCKS, 14 POSSIBLE TRAILER VANS, 3 TRUCK-MOUNTED CRANES, 3 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND NUMEROUS MISSILE CANISTERS OBSERVED IN CLOUD-FREE AREAS.	
25X1		25X1
	CIEGO DE AVILA SAM SITE 2142N Ø785ØW	
	FOUR UNREVETTED LAUNCHERS (2 WITH MISSILES), 4 CANVAS—COVERED MISSILE TRANSPORTERS, 4 CANVAS—COVERED TRACKED PRIME MOVERS, 8 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA (CONTAINING RADAR AND 6 VANS) OBSERVED IN CLOUD—FREE AREAS.	
25X1		25X1
	CIEGO DE AVILA SAM ASSEMBLY AREA 2152N Ø7844W	
	EIGHTEEN MISSILE TRANSPORTERS (5 WITHOUT PRIME MOVERS), 5 FLATBED TRACTOR-TRAILERS (ONE WITHOUT PRIME MOVER), ONE PRIME MOVER, ONE TRUCK-MOUNTED CRANE, AND NUMEROUS MISSILE CANISTERS OBSERVED. IN ADDITION, 4 LAUNCHERS, 2 PROBABLE LAUNCHERS TOWED BY PROBABLE CARGO TRUCKS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, 6 PROBABLE VAN TRUCKS, AND 2 UNIDENTIFIED VEHICLES WERE NOTED PARKED IN CONVOY FORMATION.  SCATTERED CLOUDS AND CLOUD SHADOW PRECLUDE FURTHER INTERPRETATION.	

	SEE ATTACHMENT 3.	
5X1		25X1
	VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W	
	FACILITIES INCLUDE 7 BARRACKS BUILDINGS, ONE SUPPORT BUILDING, 5 LARGE, 4 MEDIUM, AND 4 SMALL TENTS, AND ONE PROBABLE MISSILE-READY TENT. TWENTY-TWO MISSILE TRANSPORTERS, ONE FLATBED TRACTOR-TRAILER TRUCK, 7 TRACKED PRIME MOVERS, 4 PROBABLE VAN TRUCKS, 2 TRUCK-MOUNTED CRANES, AT LEAST 5 CARGO TRUCKS, APPROXIMATELY 40 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED.	
5X1		25X1
	MALDONADO SAM SITE 2012N 07528W	
	SIX REVETTED LAUNCHERS (3 WITH MISSILES), 5 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 13 TRACKED PRIME MOVERS (12 CANVAS-COVERED), ONE PROBABLE LOWBOY TRAILER, ONE POSSIBLE TRUCK-MOUNTED CRANE, AT LEAST 10 CARGO TRUCKS (3 COUPLED TO SHORT TRAILERS), AND 4 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND AN OCCUPIED GUIDANCE AREA OBSERVED. FACILITIES INCLUDE 7 BARRACKS-TYPE BUILDINGS, 4 SUPPORT BUILDINGS, 2 LARGE (ONE NOT OF A KNOWN SOVIET TYPE) TENTS AND 2 MEDIUM TENTS. THE TOKEN-TYPE AND ROCKCAKE/STONECAKE RADARS HAVE BEEN REMOVED. THE POSSIBLE SPOONREST RADAR REMAINS. TWO OF THE 4 EQUIPMENT REVETMENTS ARE EMPTY.	
5X1		25X1
	CAMAGUEY AIRFIELD SAM SITE 2122N Ø775ØW	
	SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 5 MISSILE TRANSPORTERS (4 CANVAS-COVERED), AT LEAST 8 TRACKED PRIME MOVERS, APPROXIMATELY 17 OTHER VEHICLES, 6 SETS OF BOGIE WHEELS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.	
5X1		

NPIC/R-1489/63 25X1 HOLGUIN SAM SITE 2052N 07627W SITE CONTAINS 6 SEMI-REVETTED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), AND A GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 4 VANS. 25X1 25X1 SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W NO APPARENT CHANGE IN FACILITIES. TWENTY-SIX CRUISE-MISSILE CRATES OBSERVED. 25X1 SANTA CLARA SAM SITE 2229N Ø8ØØØW SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 7 CARGO TRUCKS, 3 TRACKED PRIME MOVERS (2 CANVAS-COVERED), ONE VAN, 2 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA (CONTAINING RADAR AND 7 VANS) OBSERVED. FACILITIES INCLUDE 4 LARGE, 3 MEDIUM AND 2 SMALL TENTS. 25X1 -AIRFIELDS-25X1 CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W AIRCRAFT -- 10 FAGOT/FRESCO AND 6 HOUND. 25X1 25X1 CAMAGUEY INTERNATIONAL AIRFIELD 2125N Ø7751W AIRCRAFT -- 3 FAGOT, ONE C-47, ONE LIAISON, AND 2 DERELICT FAGOT. SEE ATTACHMENT 4. 25X1

	HOLGUIN AIRFIELD 2048N 07618W	25X1
	AIRCRAFT 6 FAGOT/FRESCO AND ONE CRATE.	
25X1	2	25X1
	ANTONIO MACEO AIRFIELD 1958N 07550W	
	AIRCRAFT ONE COOT, 3 LIAISON, ONE HOUND, AND ONE POSSIBLE HARE.	ı
25X1		
	~PORTS-	25X1
	BANES NAVAL BASE 2055N 07542W	
	NO LARGE VESSELS OBSERVED. THE 11 UNIDENTIFIED CRATES REMAIN.	
25X1	2	25X1
	MANZANILLO PORT 2021N 07707W	]
	NO LARGE VESSELS OBSERVED.	
25X1		25X1
	SANTIAGO DE CUBA PORT 2001N 07550W	
	VESSELS ONE UNIDENTIFIED SHIP AND ONE COASTAL TANKER OBSERVED IN CLOUD-FREE AREAS.	
25X1		25X1
	NUEVITAS PORT 2132N Ø7716W	
	VESSELS ONE LARGE TANKER APPROACHING CUBA DISTILLING COMPANY PIER. NO MILITARY EQUIPMENT OBSERVED.	
25X1		

	LA ISABELA PORT 2256N Ø8ØØ1W	25X1
	VESSELS ONE LARGE FREIGHTER.	
25X1		
	CAIBARIEN PORT 2232N Ø7928W	25X1
	VESSELS ONE LARGE FREIGHTER WITH AT LEAST 5 LIGHTERS ALONGSIDE ANCHORED NORTH OF CAIBARIEN PORT AND WEST OF CAYO FRANCES.	
25X1		
	CASILDA PORT 2145N Ø7959W	25X1
	NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.	
25X1		25X1
	JUCARO PORT 2137N 07851W	
	VESSELS — ONE LARGE FREIGHTER WITH BARGES ALONGSID ANCHORED OFFSHORE.	E
25X1		
	MILITARY ACTIVITY	25X1
	HOLGUIN MILITARY CAMP 2053N 07614W	25X1
25V4	NO APPARENT CHANGE SINCE	25/1
25X1		
	CAMAGUEY MILITARY CAMP 1 2121N Ø7751W	25X1
DEV4	NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE	
25X1 25X1		

	OFELIA, MILITARY CAMP 2006N 07530W	25X1
	MAIN CAMP 20 TANKS/SP GUNS, 10 CARGO TRUCKS, AND 3 AAA PIECES OBSERVED.	
	SE AREA - 18 CARGO TRUCKS, 7 FA PIECES, AND 3 POSSIBLE AAA PIECES OBSERVED.	
25X1		25X1
	ALTO CEDRO, MILITARY CAMP 2029N 07600W	
	AREA 1 IDENTIFICATION ONLY. AREA 2 IDENTIFICATION ONLY.	
	AREA 3 APPROXIMATELY 30 VEHICLES.	
	AREA 4 APPROXIMATELY 20 VEHICLES.	
	AREA 5 - APPROXIMATELY 20 VEHICLES.	
	AREA 6 - AT LEAST 17 CARGO TRUCKS AND 12 POSSIBLE	
	FA PIECES.	
	AREA 7 - IDENTIFICATION ONLY.	
	AREA 8 AT LEAST 24 LARGE TENTS (NOT OF A KNOWN	
	SOVIET TYPE) AND APPROXIMATELY 30 VEHICLES OR PIECES	
	OF EQUIPMENT.	
	AREA 9 APPROXIMATELY 25 VEHICLES OR PIECES OF	
	EQUIPMENT.	
	AREAS 1-9 OBLIQUITY PRECLUDES FURTHER	
	INTERPRETATION	
25X1		25X1
	SANTA CLARA AREA, MILITARY ACTIVITY 2221N Ø7957W	
	TWENTY-ONE TANKS/SP GUNS AND 2 CARGO TRUCKS OBSERVED.	
25X1		25X1
	CAMAGUEY MILITARY CAMP 2126N Ø7753W	
	NO APPARENT CHANGE IN FACILITIES. SIXTEEN CARGO TRUCKS OBSERVED.	
25X1		

	NPIC/R-1	1489/63 25X1
	EL CRISTO, MILITARY INSTALLATION 2007N 07546W	
	FIVE CARGO TRUCKS OBSERVED.	
25X1		25X1
	HOLGUIN MILITARY CAMP NW 2057N 07616W	
	NO APPARENT CHANGE IN FACILITIES. NINETEEN TANKS/SP GUNS, 10 CARGO TRUCKS, AND 3 POSSIBLE AAA PIECES OBSERVED.	
25X1		
	TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W	25X1
	THIRTEEN CARGO TRUCKS AND 8 FA PIECES OBSERVED.	
25X1		
	ALTAGRACIA, MILITARY AREA 2124N Ø7742W	25X1
	AT LEAST 9 TANKS/SP GUNS AND 2 OTHER VEHICLES OBSERVED.	
25X1		25X1
	MINAS, MILITARY CAMP 2127N Ø7734W	
	AT LEAST 6 TANKS/SP GUNS AND 11 OTHER VEHICLES OBSERVED.	
	FOLIAGE AND SHADOW LIMIT FURTHER INTERPRETATION.	
25X1		25X1
	SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N Ø8ØØØW	
	AREA 1 — 12 CARGO TRUCKS AND 11 FA/AAA PIECES. AREA 2 — 6 CARGO TRUCKS. THE 6-GUN AAA SITE REMA OCCUPIED. AREA 3 — UNIDENTIFIED EQUIPMENT OR ACTIVITY ON PA GROUND. THE 3-GUN AAA SITE IS UNOCCUPIED. AREA 4 — 16 VEHICLES. AREA 5 — 19 TANKS/SP GUNS AND AT LEAST 9 CARGO	

	TRUCKS. ONE OF THE TWO 3-GUN AAA SITES IS OCCUPIED.	
25X1		
	PERSEVERANCIA MILITARY CAMP 2006N 07533W	]25X1
	FACILITIES INCLUDE 3 LARGE AND AT LEAST 36 MEDIUM TENTS (NONE OF A KNOWN SOVIET TYPE). THIRTY-ONE FA PIECES, 6 FA/AAA PIECES, 48 CARGO TRUCKS, AND ONE OCCUPIED 3-GUN AAA SITE OBSERVED.	
25X1		25X1
	TACAJO MILITARY CAMP 2051N 07558W	
	AREA 1 — 14 CARGO TRUCKS AND 5 UTILITY TRUCKS.  AREA 2 — NO VEHICLES OR EQUIPMENT OBSERVED.  AREA 3 — 21 CARGO TRUCKS, ONE PROBABLE CARGO TRUCK,  AND 11 MORTARS.  AREA 4 — 28 CARGO TRUCKS, 21 FA PIECES, AND 11  VEHICLES OR PIECES OF EQUIPMENT.  AREA 5 — 2 UNIDENTIFIED VEHICLES.  AREA 6 — 6 CARGO TRUCKS, 2 UTILITY TRUCKS, AND 3  UNIDENTIFIED VEHICLES.  AREA 7 — 2 LARGE TENTS (NOT OF A KNOWN SOVIET TYPE)  AND 24 CARGO TRUCKS.	
25X1		25X1
	DOS CAMINOS MILITARY INSTALLATION 2014N 07547W  FORTY-TWO FA PIECES AND APPROXIMATELY 65 CARGO TRUCKS	]
	OBSERVED. THE OCCUPIED 6-GUN AAA SITE REMAINS.	
25X1		25X1
	LA VEGUITA MILITARY CAMP 2049N 07615W	
	THREE LARGE TENTS (NOT OF A KNOWN SOVIET TYPE), 8 CARGO TRUCKS, AND 12 FA PIECES OBSERVED.	
25X1		

	SANTIAG	OD DE CUBA, MILITARY TRAINING AREA 2002N 07550W		]25X1
		TEN CARGO TRUCKS AND 2 UNIDENTIFIED VEHICLES OBSERV	ED.	
25X1	[			25X1
	CHARCO	DEL JOBO MILITARY AREA 2047N 07615W		
		ONE CARGO TRUCK OBSERVED.		
25X1	[			25X1
	CAMAGUE	Y MILITARY INSTALLATION SW 2117N Ø78ØØW		
		ELEVEN PROBABLE FA PIECES AND AT LEAST 5 VEHICLES OBSERVED.		
25X1				25X1
	SIBONEY	LANDING BEACH 1957N Ø7542W		
		PREVIOUSLY UNREPORTED MILITARY ACTIVITY AN OCCUPIED 3-GUN AAA SITE AT UTM 18Q VT 217121, SERIES E 723, SHEET 5076 II.		
25X1				25X1
	NICARO	LANDING BEACH 2042N 07533W		
		PREVIOUSLY UNREPORTED MILITARY ACTIVITY — 2 LARGE TENTS (NOT OF A KNOWN SOVIET TYPE), 9 CARGO TRUCKS, 3 POSSIBLE CARGO TRUCKS, 5 PROBABLE FA PIECES, AND UTILITY TRUCK OBSERVED LOCATED AT UTM COORDINATES 18Q VU 105115, SERIES E 723, SHEET 5078 II.		
25X1				
		-MISCELLANEOUS ACTIVITY-		25X1
	MAYARI	ARRIBA MILITARY INSTALLATION 2027N 07531W		]
		TWENTY-THREE CRUISE-MISSILE CRATES, 11 CRUISE-MISSILE-RELATED VEHICLES, 4 TRUCK-MOUNTED CRANES, AT LEAST 25 CARGO TRUCKS, 3 UTILITY TRUCKS, 5 VAN		_

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2223N Ø7847W

2021N 07430W

2113N Ø7632W

2005N 07523W

5X1	TRUCKS, 2 PROBABLE TRACTOR-TR UNIDENTIFIED VEHICLES, A CANV AND STACKS OF CANVAS-COVERED	AS-COVERED PARKING AREA,
	SANTA CLARA MILITARY INSTALLATION CU  ESCUELA TECNOLOGICA ONE HA  CLUB CUBANACAN 3 VAN TRUCK  TRUCK.	RE. S AND ONE POSSIBLE VAN
5X1	STORAGE AREA NORTH ONE CAR UNIDENTIFIED VEHICLES.	GO TRUCK AND 4
	-STATUS OF OTHER TARGETS-	a.
	THE FOLLOWING TARGETS SHOW NO APPARE SINCE LAST COVERAGE	ENT CHANGE 25X
	SAGUA LA GRANDE MRBM SITE 1 SAGUA LA GRANDE MRBM SITE 2 BANES CRUISE-MISSILE SITE LOS CANOS AIRFIELD PRESTON AIRFIELD TRINIDAD AIRFIELD	2243N Ø8ØØ1W 2239N Ø7951W 2Ø58N Ø7538W 2ØØ4N Ø75Ø9W 2Ø44N Ø7539W 2147N Ø7959W

PUNTA ALEGRE PORT

PUERTO PADRE PORT

GUANTANAMO AREA 1

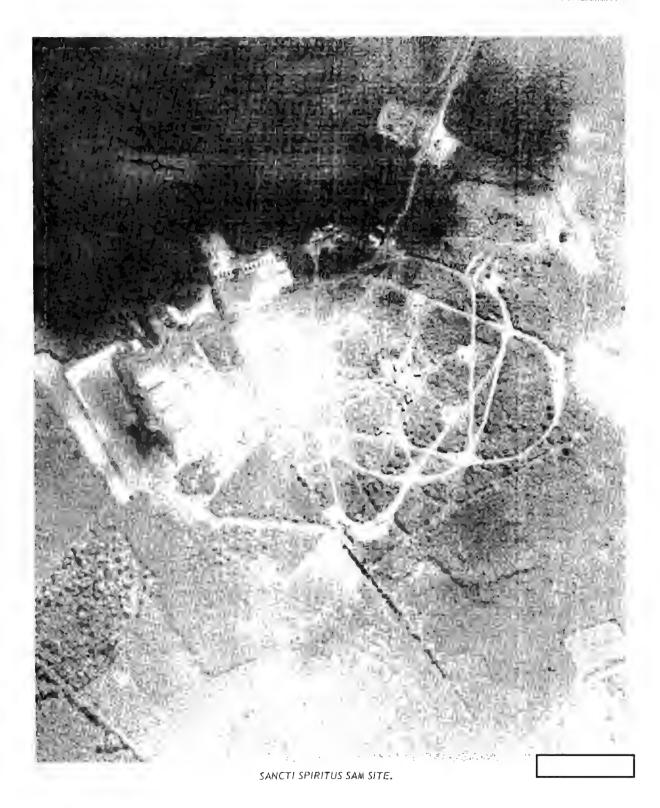
BARACOA PORT

NPIC/R-1489/63 25X1

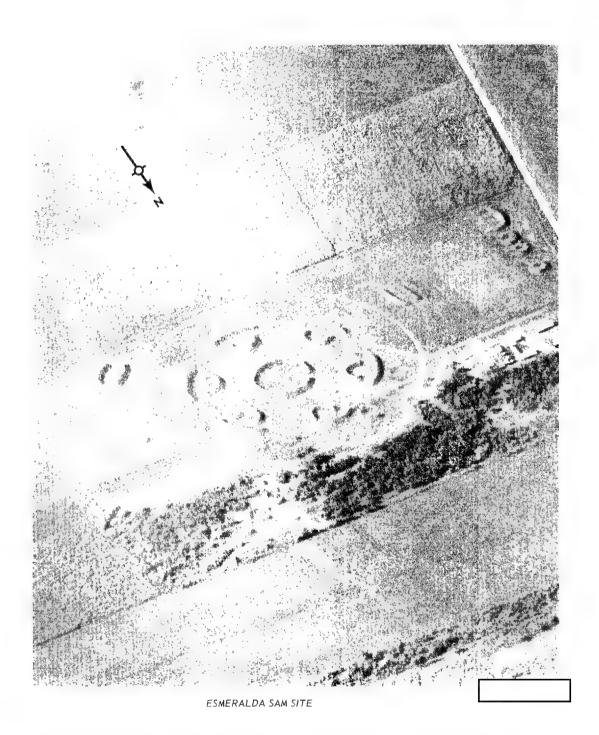
VICTORIA DE LAS TUNAS, MILITARY CAMP LAS MERCEDES, MILITARY CAMP HOLGUIN MILITARY CAMP SOUTHWEST LA JUTIA AREA, MILITARY INSTALLATION SANTA ISABEL FINCA MILITARY CAMP TI ARRIBA MILITARY CAMP TUMBADERO TANK TRAINING AREA PLAYA YATERITAS LANDING BEACH MAR VERDE LANDING BEACH CAYO FRANCES ENGINEERING SITE	2006N 2051N 2155N 2005N 2006N 2104N 1958N 1957N	Ø7655W Ø77ØØW Ø7617W Ø8Ø16W Ø7528W Ø7535W Ø7558W Ø7457W Ø7457W	
THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED 25X1			
		~~~~	
MANZANILLO SAM SITE		Ø77Ø6W	
DELEITE SAM SITE		Ø8Ø45W	
CIFUENTES SAM ASSEMBLY AREA	2236N	Ø8ØØ5W	
BAYAMO EAST AIRFIELD	2Ø23N	Ø7638W	
MOA PORT	2Ø39N	Ø7454W	
MANZANILLO AREA, MILITARY CAMP	2Ø17N	Ø77Ø6W	
REMEDIOS MILITARY CAMP	2227N	07934W	
			Ħ I
LA ROSITA STORAGE DEPOT BARAJAGUA	22Ø8N	Ø8ØØ4W	

25X1

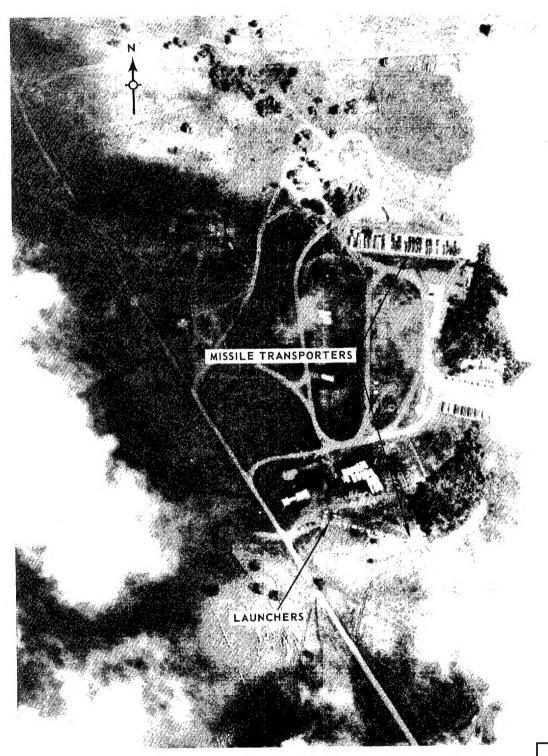
ATTACHMENT T



NPIC/R-1489/63 ATTACHMENT 2



NPIC/R-1489/63 ATTACHMENT 3

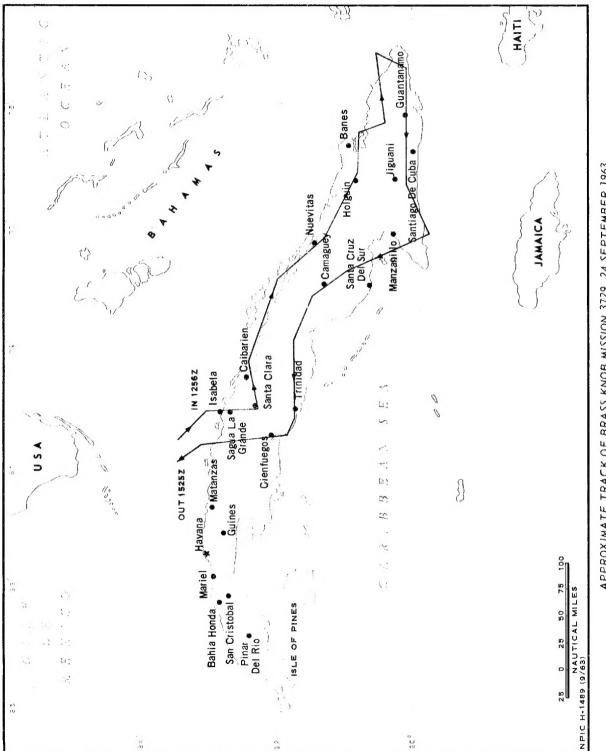


CIEGO DE AVILA SAM ASSEMBLY AREA.

NPIC 'R-1489/63 ATTACHMENT 4



#### Approved For Release 2003/028FCRFATRDP78B04560A001600010032-6



APPROXIMATE TRACK OF BRASS KNOB MISSION 3729, 24 SEPTEMBER 1963